

AMENDMENT

Ser. No. 09/636,392 filed August 9, 2000, David Still et al.

Docket No. 50325-0114

AMENDMENT TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

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1 1. (Currently Amended) A method of securely communicating information in a network that  
2 includes a host that originates a request, a first server that serves a response to the request,  
3 and a second server that cooperates with the first server to respond to the request, the  
4 method comprising the computer-implemented steps of:  
5 receiving a first request for a service from the host, which request includes a network  
6 address of the host; and  
7 communicating a second service request to the second server when based on the first  
8 service request includes functions not available in the first server, said second  
9 service request including the host network address only when a first network  
10 address of the first server is identical to a second network address of the  
11 second server.

1 2. (Original) A method as recited in Claim 1, wherein the request of the host comprises a key  
2 value comprising an originating host Internet Protocol (IP) address and a random value.

1 3. (Original) A method as recited in Claim 1, wherein the step of communicating a second  
2 service request comprises the step of accepting the host request only when an IP address of  
3 the second server is the same as an IP address of the first server.

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1 4. (Original) A method as recited in Claim 1, wherein the host is a Web browser and wherein  
2 the host request comprises a Universal Resource Locator (URL) that includes an IP address  
3 of the host.

1 5. (Original) A method as recited in Claim 1, wherein the host is a Web browser and wherein  
2 the host request comprises an HTML POST form that includes an IP address of the host.

1 6. (Original) A method of securely communicating data between a proxy server and a second  
2 server, wherein each of the proxy server and the second server are addressable by first and  
3 second Internet Protocol (IP) addresses, respectively, the method comprising the computer-  
4 implemented steps of:  
5 receiving, at the proxy server, a first service request from a browser client, wherein  
6 the service request includes a third IP address of a client computer associated  
7 with the browser client;  
8 communicating a second service request that includes the browser client IP address to  
9 the second server only when the first IP address of the proxy server is  
10 identical to the second IP address of the second server.

1 7. (Original) A method as recited in Claim 6, wherein the first service request of the browser  
2 client comprises a key value comprising the third IP address and a random value.

1 8. (Original) A method as recited in Claim 6, wherein the first service request of the browser  
2 client comprises a Universal Resource Locator (URL) that includes an IP address of the host.

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A2 1 9. (Original) A method as recited in Claim 6, wherein the first service request of the browser

2 client comprises an HTML POST form that includes an IP address of the host.

1 10. (Original) A method of securely communicating a network address of a client that issues

2 service requests to a first server that proxies the service requests for a second server,

3 comprising the computer-implemented steps of:

4 receiving a network address of the client;

5 determining whether a first network address of the first server is equal to a second

6 network address of the second server; and

7 sending the network address of the client from the first server to the second server in

8 a secure request message only when the first network address of the first

9 server is equal to the second network address of the second server.

1 11. (Original) A method as recited in Claim 10, wherein each of the service requests of the

2 browser client comprises a key value comprising an IP address of the client and a random

3 value.

1 12. (Original) A method as recited in Claim 10, wherein each of the service requests of the

2 browser client comprises a Universal Resource Locator (URL) that includes an IP address of

3 the browser client.

1 13. (Original) A method as recited in Claim 10, wherein each of the service requests of the

2 browser client comprises an HTML POST form that includes an IP address of the browser

3 client.

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1 14. (Original) A data communications apparatus that securely communicates a service  
2 request that is received from a client, comprising a first server that proxies the service request  
3 for a second server, the first server comprising means for receiving a network address of the  
4 client; means for determining whether a first network address of the first server is equal to a  
5 second network address of the second server; and means for sending the network address of  
6 the client from the first server to the second server in a secure request message only when the  
7 first network address of the first server is equal to the second network address of the second  
8 server.

1 15. (Original) An apparatus as recited in Claim 14, wherein the service request comprises a  
2 key value comprising an IP address of the client and a random value.

1 16. (Original) An apparatus as recited in Claim 14, wherein the service request comprises a  
2 Universal Resource Locator (URL) that includes an IP address of the browser client.

1 17. (Original) An apparatus as recited in Claim 14, wherein the service request comprises an  
2 HTML POST form that includes an IP address of the browser client.

1 18. (Original) A computer-readable medium carrying one or more sequences of instructions  
2 for securely communicating a network address of a client that issues service requests to a first  
3 server that proxies the service requests for a second server, wherein execution of the one or  
4 more sequences of instructions by one or more processors causes the one or more processors  
5 to perform the steps of:

6 receiving a network address of the client;

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7 determining whether a first network address of the first server is equal to a second  
8 network address of the second server; and  
9 sending the network address of the client from the first server to the second server in  
10 a secure request message only when the first network address of the first  
11 server is equal to the second network address of the second server.

1 19. (Original) A computer-readable medium as recited in Claim 18, wherein each of the  
2 service requests of the browser client comprises a key value comprising an IP address of the  
3 client and a random value.

1 20. (Original) A computer-readable medium as recited in Claim 18, wherein each of the  
2 service requests of the browser client comprises a Universal Resource Locator (URL) that  
3 includes an IP address of the browser client.

1 21. (Original) A computer-readable medium as recited in Claim 18, wherein each of the  
2 service requests of the browser client comprises an HTML POST form that includes an IP  
3 address of the browser client.

1 22. (Original) A data communications apparatus that securely communicates a service  
2 request that is received from a client, comprising:  
3 a first server that proxies the service request for a second server comprising a network  
4 interface to a network that includes the first server and the second server;  
5 a processor in the first server;  
6 a storage device in the first server comprising one or more sequences of stored  
7 instructions which, when executed by the processor, cause the processor to  
8 carry out the steps of:  
9 receiving a network address of the client;

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10 determining whether a first network address of the first server is equal to a  
11 second network address of the second server; and  
12 sending the network address of the client from the first server to the second  
13 server in a secure request message only when the first network address of the  
14 first server is equal to the second network address of the second server.

1 23. (Original) An apparatus as recited in Claim 22, wherein the service request comprises a  
2 key value comprising an IP address of the client and a random value.

1 24. (Original) An apparatus as recited in Claim 22, wherein the service request comprises a  
2 Universal Resource Locator (URL) that includes an IP address of the browser client.

1 25. (Original) An apparatus as recited in Claim 22, wherein the service request comprises an  
2 HTML POST form that includes an IP address of the browser client.

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